

North Carolina Department of Health and Human Services  
Division of Mental Health, Developmental Disabilities and Substance Abuse Services

## NC-TOPPS

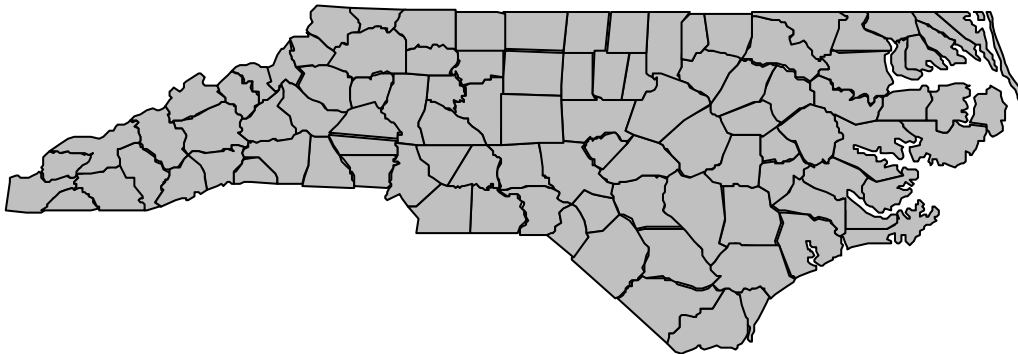
North Carolina Treatment Outcomes and Program Performance System

### Adult Substance Abuse Consumers: Western Highlands LME

#### Initial Assessments

July 1, 2007 through June 30, 2008

This report includes consumers receiving only substance abuse services, and those receiving both substance abuse and mental health services.



Data Collected By:

Center for Urban Affairs and Community Services (CUACS)  
NC State University

Report Produced By:

Institute for Community-Based Research  
National Development & Research Institutes, Inc. (NDRI)

Prepared For:

Quality Management Team  
Community Policy Management Section  
DMH/DD/SAS  
NC DHHS

July 2008

## Introduction to Report

This type of report is available to Local Management Entities, providers and the NC Division of Mental Health, Developmental Disabilities and Substance Abuse Services on data gathered for substance abuse consumers through the North Carolina Treatment Outcomes and Program Performance System (NC-TOPPS). It provides information gathered through the online NC-TOPPS Initial Interview and includes seven pages of charts, tables and text information on consumers' demographic characteristics, substance use, symptoms, behaviors and activities, service needs, supports and barriers, family and housing issues and outcome measures collected through an interview with the consumer at the beginning of their treatment. It should be noted that not every data element or response category on the NC-TOPPS Initial Interview is displayed in this report.

Please note that the charts and tables may not always match online queries that you may conduct. The data used in these reports will not necessarily reflect the same points in time. In addition, NDRI who produces these reports cleans the data and removes apparent duplicates prior to preparing the tables and charts.

Additional information about NC-TOPPS and printable version of the interviews are available at <http://www.ncdhhs.gov/mhddsas/nc-topps/>

## General Information on Interpreting Tables

<b>Types of Statistics</b>	<ul style="list-style-type: none"><li>▶ A <u>count</u> shows the actual number (often designated by the letter “n”) of clients.</li><li>▶ A <u>percentage</u> is the number of clients with a characteristic or behavior divided by all the clients in the group of interest multiplied by 100. Percentages will be designated with a % sign next to the number.</li><li>▶ An <u>average</u> is the sum of a set of numbers divided by the number of numbers in the set. When a number in a cell is an average, the word average will appear in the row descriptor.</li><li>▶ A <u>median</u> is the middle number in a set of numbers, arranged from lowest to highest. For example, the median for the following numbers: 9, 12, 12, 15, 17, 20, <b>22</b>, 23, 25, 28, 31, 35, 62 is the bolded number, 22. Medians are important measures of central tendency, especially when a mean may be skewed by a very high or very low value. When a number in a cell is a median, the word median will appear in the row descriptor.</li></ul>
<b>Missing Data</b>	For many of the NC-TOPPS forms received, a particular item or question may have been left blank. In calculating the means, medians, and percentages in cells of questionnaire items, this missing data is excluded from the calculation. For example, program X may have submitted 50 assessments but in 2 of the assessments, gender was left blank. When the percent of males is calculated, the 25 males are shown as 52% ( $25/48 \times 100$ ).
<b>Denominator</b>	The denominator for nearly all percentages is the number of cases shown on the bottom left of the page minus item missing data. All exceptions to this general rule are <b>specifically noted</b> with appropriate text in the graphic or table. This text will state which group is included or excluded from the denominator, such as "of those in the labor force" or "of those with children."
<b>Multiple Response</b>	“Multiple response” indicates a “mark all that apply” type question in which more than one response to a question is allowed. The total of responses may add to greater than 100%. Examples are health insurance or target population. This is in contrast to items such as gender where only a single response is allowed.
<b>Definitions of terms</b>	The Appendix at the end of the report gives definitions of acronyms, abbreviations, and other terms used in this report.
<b>Notes:</b>	Private methadone providers are excluded from the current report.

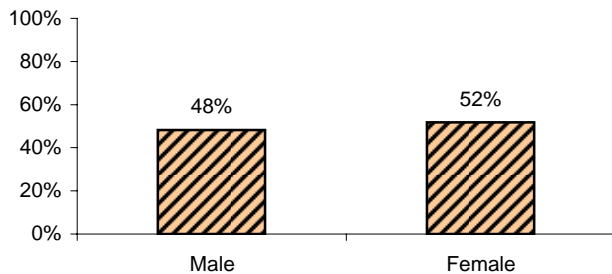


**Initial Assessments Received July 1, 2007 through June 30, 2008**  
**Adult Substance Abuse Consumers by Provider**  
**Western Highlands**

This table shows the number of consumers in this report by provider.

<b>Provider</b>	<b>City</b>	<b>ProviderID</b>	<b>Number</b>
ARP/Phoenix - Adult SA	Asheville	142	75
ARP/Phoenix Youth Substance Abuse Services	Asheville	1665	10
Advantage Care Services	Hendersonville	2057	1
Alpha Omega Health, Inc.	Burnsville	1124	41
Alpha Omega Health, Inc.	Burnsville	1911	6
Alpha Omega Health, Inc.	Marshall	1769	52
Alpha Omega Health, Inc.	Spruce Pine	1958	4
Appalachian Counseling	Brevard	641	14
Appalachian Counseling	Hendersonville	134	28
Arc Services, Inc.	Albemarle	1505	2
Cleveland Family Services	Shelby	1059	4
Compass Adult Care	Asheville	1583	2
Crossroads/Phoenix	Hendersonville	143	1
Families Together, Inc.	Asheville	706	3
Family Preservation Services, Inc.	Asheville	1993	18
Family Preservation Services, Inc.	Hendersonville	392	1
Family Preservation Services, Inc.	Tryon	1994	1
First Step Farm of WNC, Inc.	Candler	49	47
First Step Farm of WNC, Inc.	Candler	87	41
HomeCare Management Corporation	Forest City	1024	8
Horizon Recovery, Inc.	Asheville	367	4
Mary Benson House	Asheville	70	12
Mental Health Association in NC ACTT	Asheville	2105	3
Mountain Area Community Services, Inc.	Asheville	970	1
Mountain Area Recovery Center	Asheville	52	93
October Road, Inc.	Asheville	1535	50
PDFNC/Pathways of Change	Asheville	784	15
PDFNC/Perinatal Health Partners	Asheville	123	26
PDFNC/Swain Recovery Center	Black Mountain	140	97
Parkway Behavioral Health	Spindale	2521	21
Patton Counseling Services, Inc	Asheville	2527	63
RHA Health Services	Asheville	1496	35
RHA Health Services	Shelby	1177	11
Restoration Concepts	Shelby	2430	2
Sixth Avenue Psychiatric Rehabilitation Partners	Hendersonville	1704	2
Universal MH/DD/SAS	Forest City	606	1
WCCJ/Women at Risk	Asheville	2134	11
WNC Ray of Hope, Inc.	Asheville	2971	2
<b>Total</b>			<b>808</b>

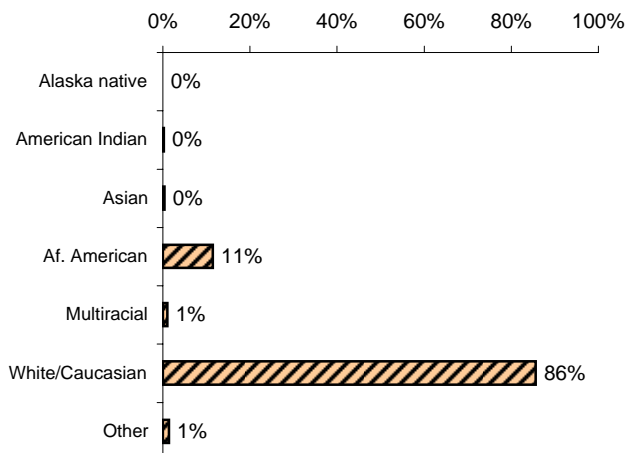
## 1-1: Gender



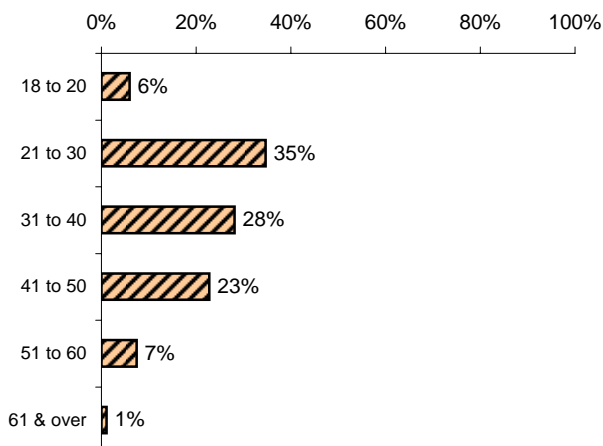
## 1-2: Hispanic Origin

Of the WHighlands consumers, 2% indicate that they are of Hispanic, Latino, or Spanish origin.

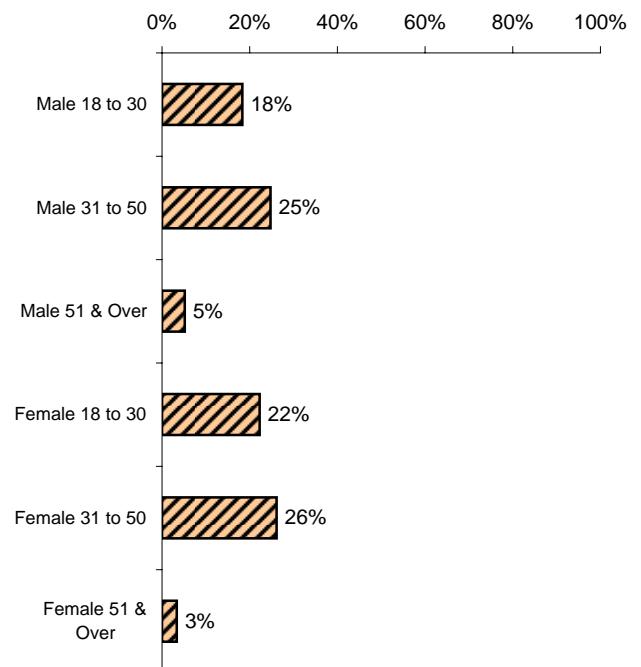
## 1-3: Race/Ethnicity



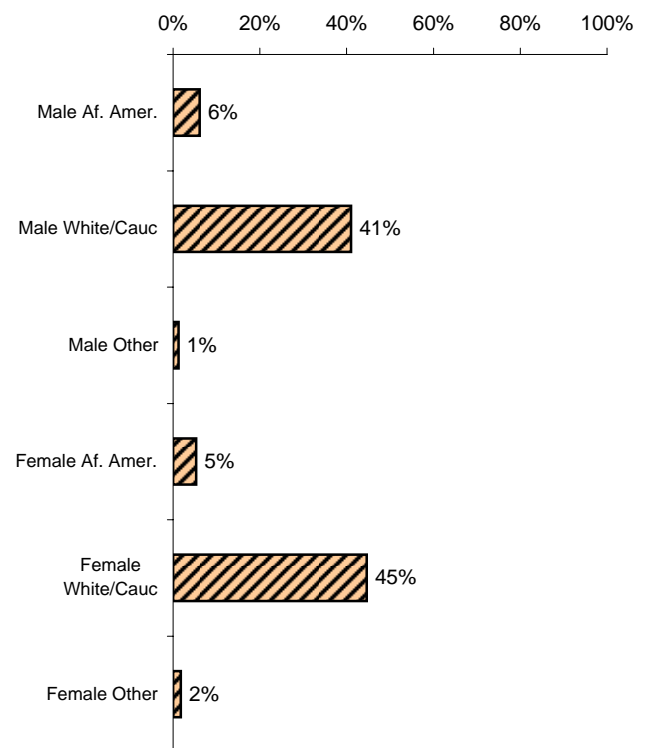
## 1-4: Age Group



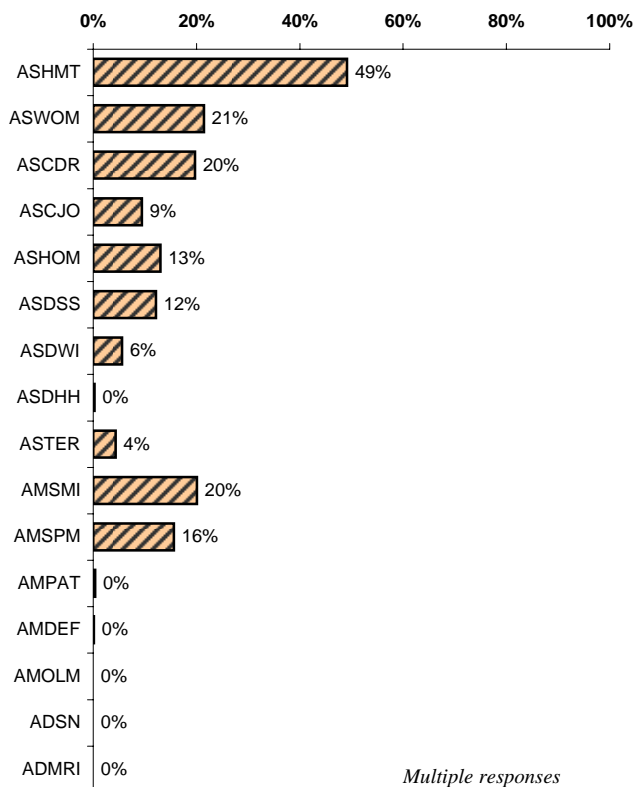
## 1-5: Gender and Age



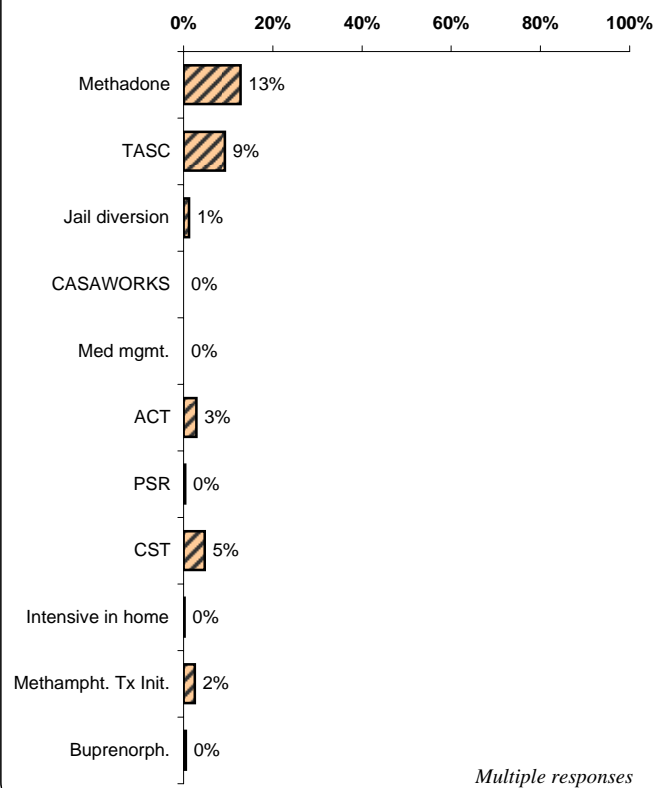
## 1-6: Gender and Race/Ethnicity



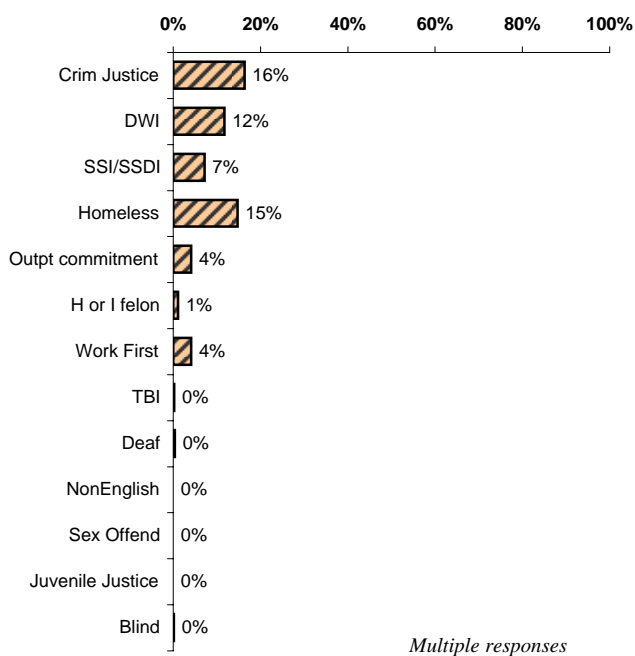
## 2-1: IPRS Target Populations



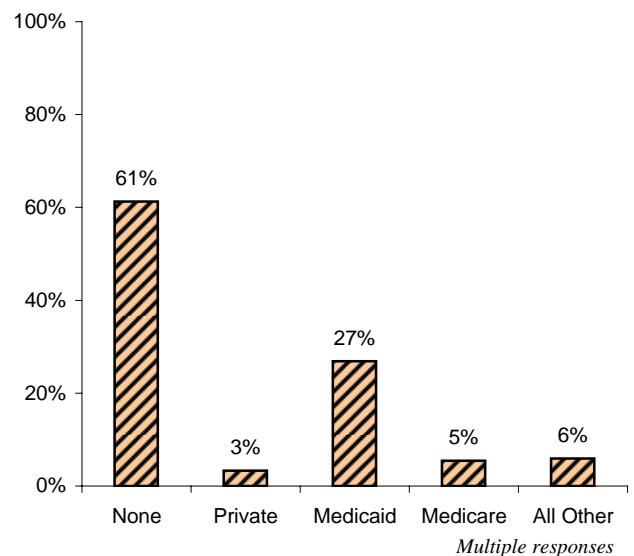
## 2-3: Special Programs



## 2-2: Special Populations

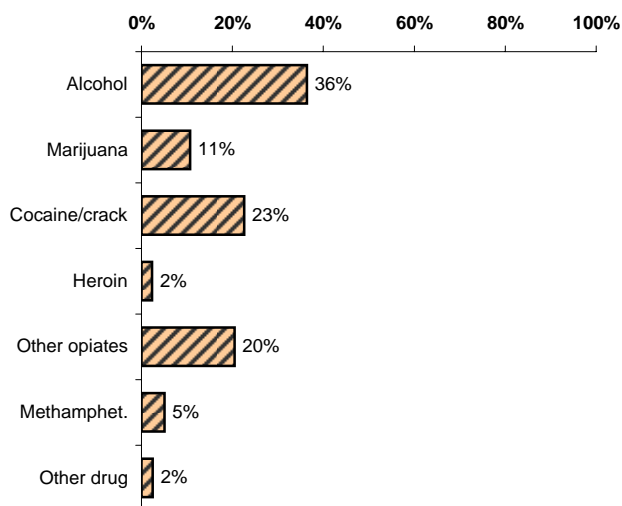


## 2-4: Health Insurance



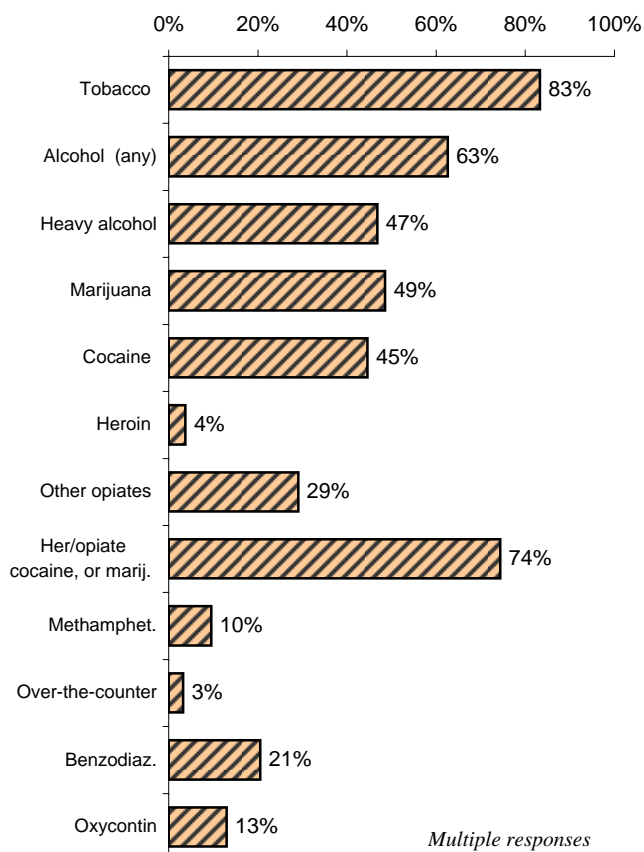
Note: See appendix for definitions of acronyms used on this page.

### 3-1: Primary Substance Problem



### 3-2: Self-Report Substance Use, Past 12 Months

**Bars show % who use more than once a month**



### 3-3: Cigarette Smoking

Overall, 80% of WHighlands consumers report that they smoked cigarettes in the past month and 43% smoked a pack a day or more.

### 3-4: Injection Drug Use

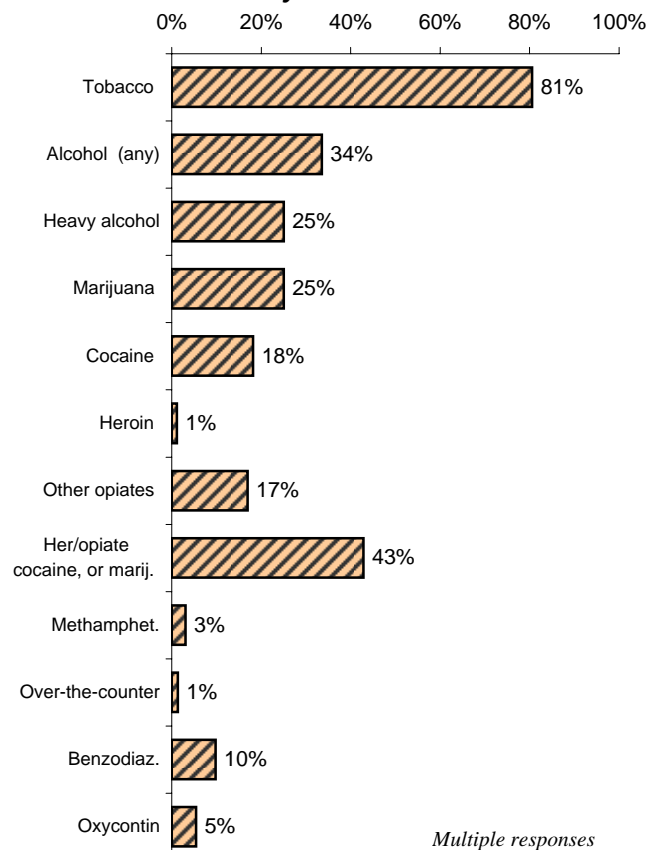
24% of WHighlands consumers report that they have ever injected drugs for a nonmedical reason.

### 3-5: 90-Day Abstinence from Alcohol and Drugs

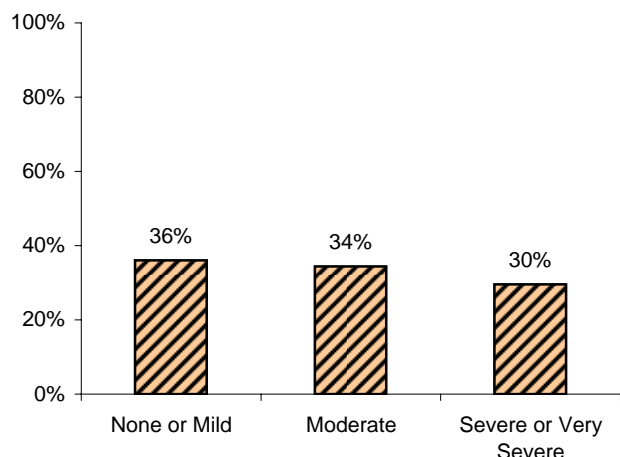
WHighlands consumers were asked how long they have been abstinent at this time. 19% reported abstinence for at least the past 90 days.

### 3-6: Self-Report Substance Use, Past Month

**Bars show % with any use**



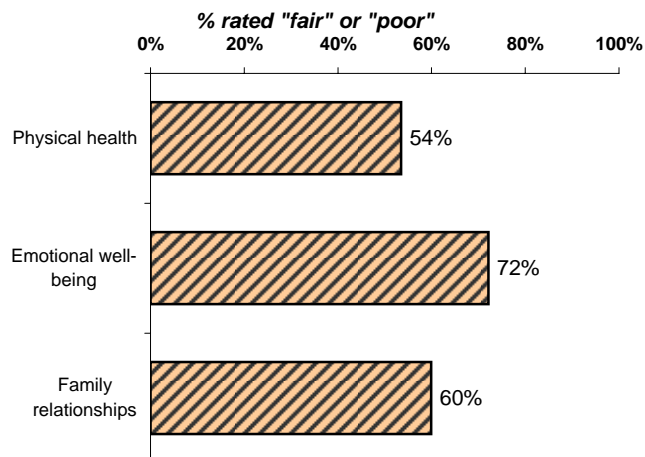
## 4-1: Severity of Mental Health Symptoms, Past Month



## 4-2: General Assessment of Functioning (GAF)

GAF scores were reported for 99% of WHighlands consumers. The average score was 44.3 and the median score was 43.

## 4-3: Consumer Ratings on Quality of Life



## 4-4: Experienced Violence

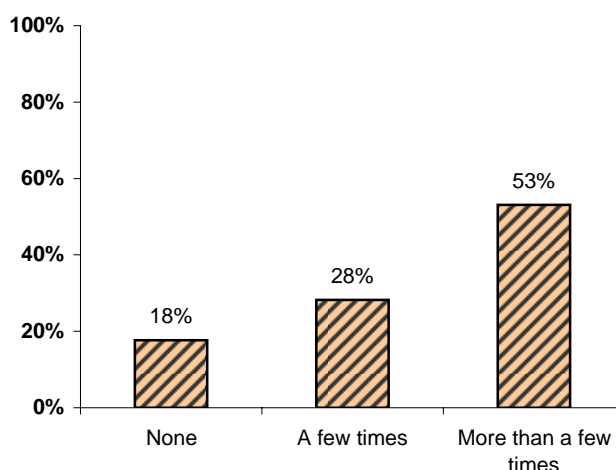
Physical violence, past 3 months	17%
Sexual violence, ever	28%
Sexual violence, past 3 months	3%

## 4-5: DSM-IV Diagnoses

Diagnostic Category	%
Drug Dependence	69%
Alcohol Dependence	37%
Drug Abuse	15%
Alcohol Abuse	10%
Major Depression	18%
Bipolar disorder	17%
Schizophrenia	4%
Anxiety disorder	8%
Personality disorder	5%
PTSD	8%

Only most common diagnoses shown. Multiple response

## 4-6: How Often Problems Interfere with Work, School, or Other Daily Activities, Past 3 Months



## 4-7: Lifetime Suicide Attempts

35% of WHighlands consumers have attempted suicide at least once during their lifetime.

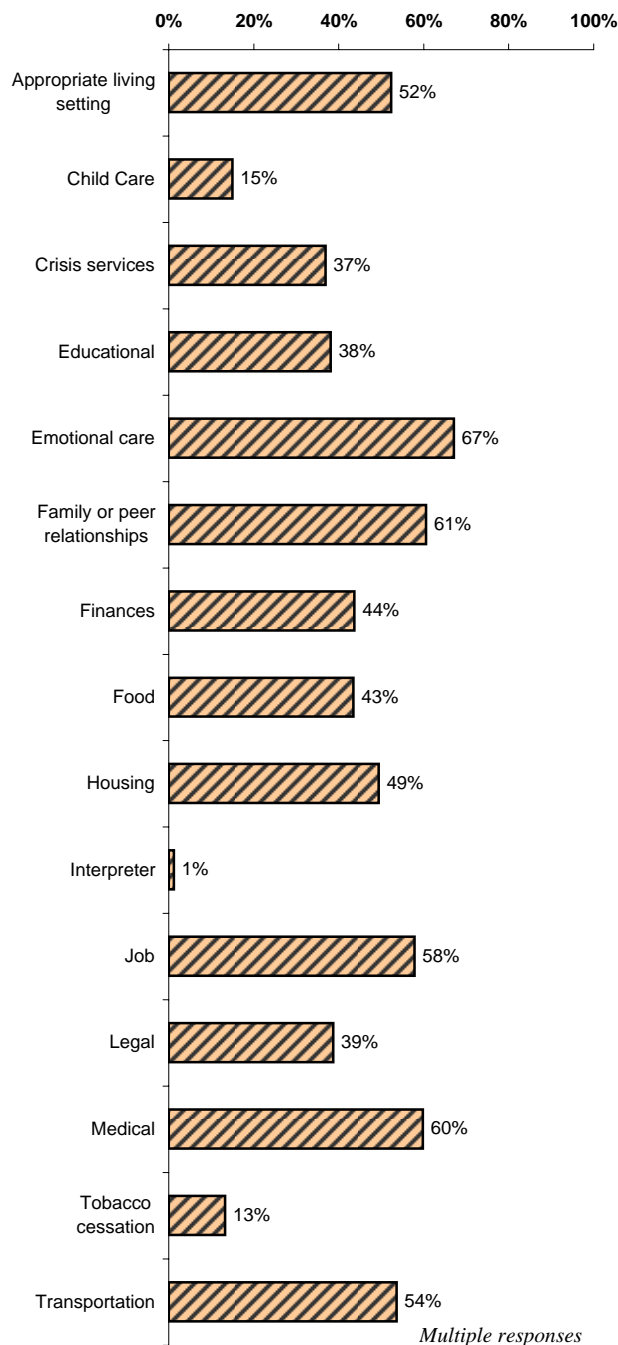
## 4-8: Behavior Problems and Symptoms Expressed, Past 3 Months

	%
Suicidal thoughts	33%
Tried to hurt or cause self pain	11%
Risky sexual activity	13%
Hit/physically hurt another person	13%

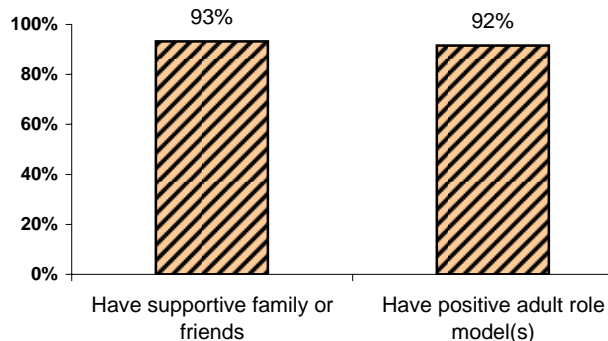
## 5-1: Public or Private Health Care Provider

Among WHighlands consumers, 44% report that they have a health care provider and 40% have seen their provider within the past year.

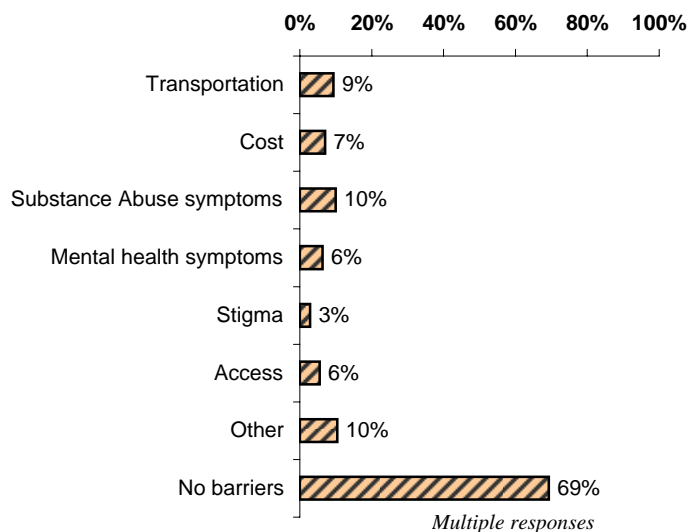
## 5-2: Service Needs Rated "Very Important"



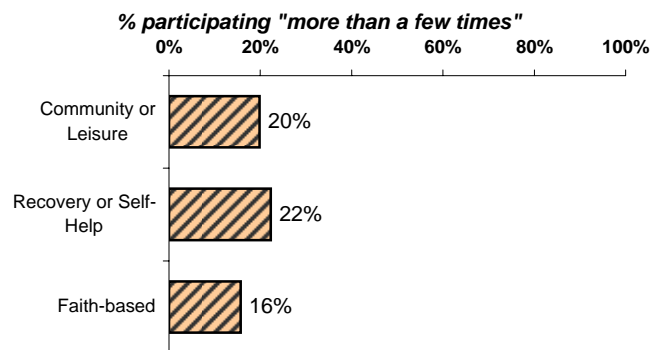
## 5-3: Support for Recovery



## 5-4: Barriers to Treatment

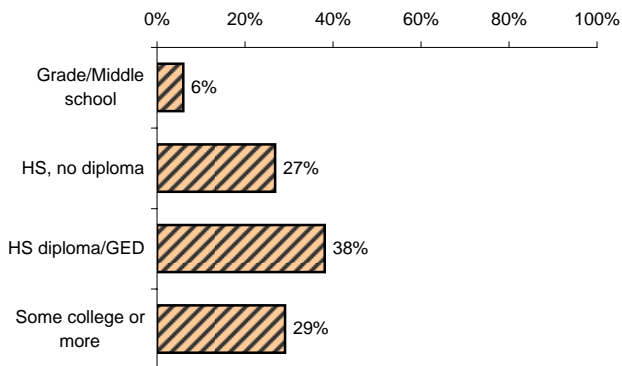


## 5-5: Consumer Participation in Positive Activities, Past 3 Months





**6-1: Highest Educational Achievement**



**6-2: Marital Status**

Never married	41%
Married or living as married	22%
Divorced/Widowed/Separated	37%

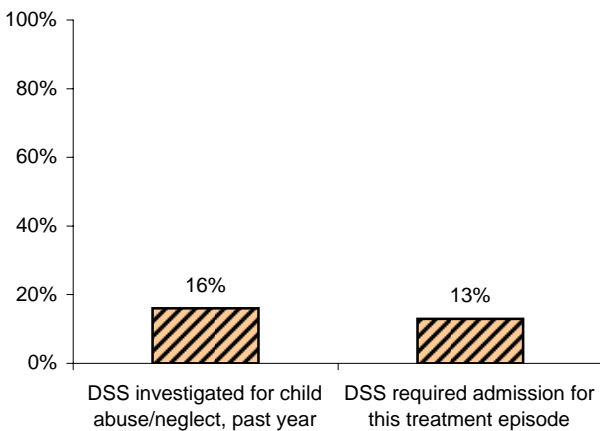
**6-3: Children Under 18**

49% of WHighlands consumers have children under age 18.

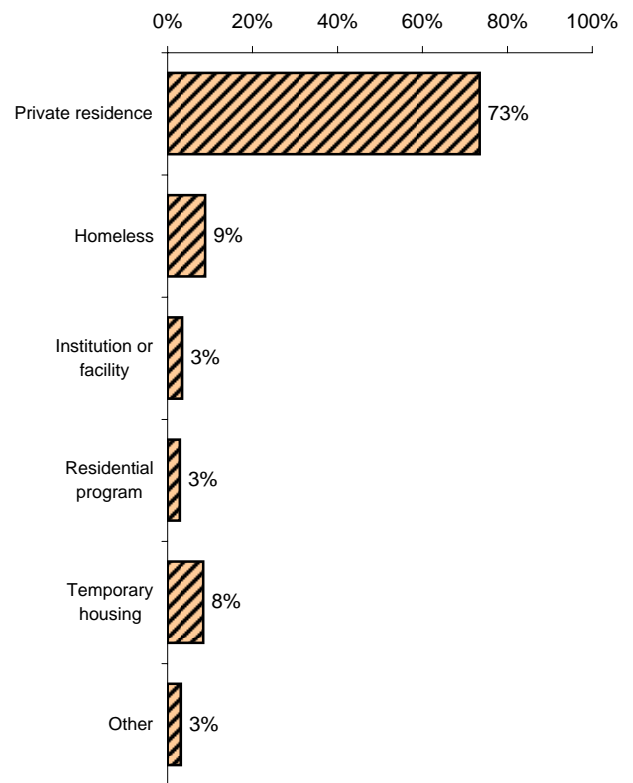
**Of those with children...**

Have custody of all children	47%
Have custody of some children	14%
Have custody of none of children	38%

**6-4: DSS Involvement**



**6-5: Where Lived**



Note: Of WHighlands homeless consumers, 42 were in shelters and 29 were not in shelters.

**6-6: Times Moved Residences in the Past Year**

No moves	40%
Moved once	21%
Moved two or more times	38%

**6-7: Pregnancy Status**

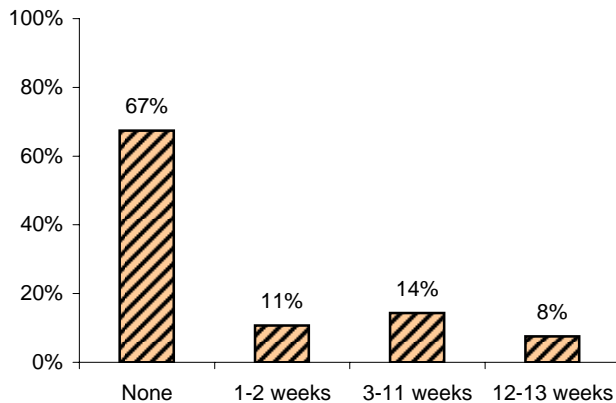
Number currently pregnant	29
Number uncertain about pregnancy status	7
Number in first trimester	6
Number in second trimester	9
Number in third trimester	13

Note: Numbers may not add, due to missing data.

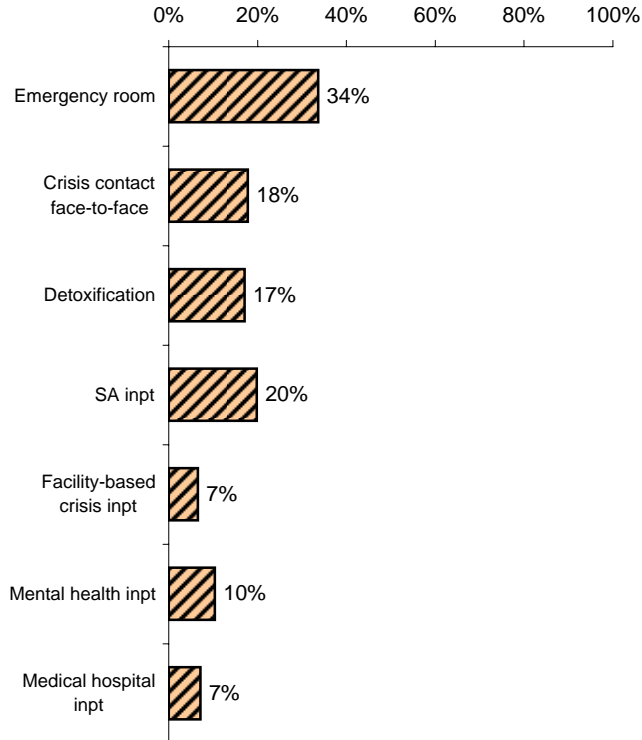
#### 7-1: Outpatient Substance Abuse Treatment

50% of WHighlands consumers have had outpatient substance abuse treatment during their lifetime.

#### 7-2: Weeks of Outpatient SA Treatment in Past 3 Months (excluding detoxification treatment)



#### 7-3: Health Care: Types of Services Received in the Past 3 Months



#### 7-4: Employment, Past 3 Months

77% of WHighlands consumers are in the labor force meaning that they are working, or unemployed and looking for work.

##### Of those in the labor force...

Employed full-time	29%
Employed part-time	22%
Unemployed (seeking work)	49%

##### Of those working...

Supported employment	23%
Transitional employment	10%

#### 7-5: Arrest History

##### Any Arrests

Ever	76%
Past month	11%

##### Misdemeanor Arrests

Ever	69%
Past month	7%

##### Felony Arrests

Ever	37%
Past month	3%

#### 7-6: Justice System Involvement

29% of WHighlands consumers were under correctional supervision at admission. The court or criminal justice system required treatment for 22% of all WHighlands consumers.

Acronym or Term	Definition
ACT	Assertive Community Treatment
ADMRI	Target population: Adult with both mental retardation and mental illness
ADSN	Target population: Adult with Developmental Disability
Af American	African American
AMOLM	Target population: Adult consumer receiving Olmstead services
AMPAT	Target population: Adult MH consumer who is homeless (PATH program).
AMSMI	Target population: Adult with serious mental illness
AMSPM	Target population: Adult with serious and persistent mental illness
AOD	Alcohol or other drugs
ASCDR	Target population: Adult SA injection drug user at risk for communicable disease
ASCJO	Target population: Adult SA who is a criminal justice offender
ASDHH	Target population: Adult SA consumer who is deaf or hard of hearing
ASDSS	Target population: Adult SA consumer who is involved with DSS
ASTER	Target population: Adult with a chronic substance abuse disorder
ASHOM	Target population: Adult SA consumer who is homeless
ASWOM	Target population: Adult SA consumer who is pregnant or has dependent children
Benzodiaz.	Benzodiazepine(s)
Buprenorph.	Buprenorphine
CASAWORKS	Residential program initiative designed to help substance abusing women
Cauc.	Caucasian
Crim. Justice or CJ	Criminal Justice
CJ	Criminal Justice
CST	Community support team
Detox	detoxification
DSM	Diagnostic and Statistical Manual (Edition IV)
DSS	Division of Social Services
DWI	Driving while Impaired
GED	General Education Diploma (High School Equivalency)
H or I felon	Class H or I felon (controlled substance) who applied for food stamps
Her	Heroin
HS	High School
IDU	Injection drug use(r)
Marij.	Marijuana
Med. Mgmt.	Psychiatric medication management services
Methamphet.	Methamphetamine(s)
Methamphet. Tx. Initiat.	Methamphetamine Treatment Initiative
MH	Mental Health
Outpt. Commitment	Outpatient Commitment
PSR	Psychosocial rehabilitation
PTSD	Post-traumatic Stress disorder
SA	Substance Abuse or Substance Abuser
SSI/SSDI	Supplemental Security Income or Social Security Disability Insurance
TASC	Treatment Accountability for Safer Communities
TBI	Traumatic brain injury
Work First	DSS program for temporary assistance to needy families